

Time,
O my friend,
is money!

ELGIN
TIME
is used by those
whose minutes
are most
valuable

Every Elgin Watch is fully guaranteed. All jewelers have Elgin Watches. An illustrated history of the watch, sent free upon request.
Elgin National Watch Co. Elgin, Ill.

TRADE TOPICS.

WESTERN MEDICAL COLLEGE.—In efficiency, facilities and standing, the medical department of the Western University, London, Ont., ranks at the top. At the recent examinations of the Ontario Medical Council 100 per cent. of the Final and Intermediate students and 80 per cent. of those writing on the primary were successful, a unique record, it is believed, in this Province. A double course, leading to the degree of B. A., M. D., is provided. Write for announcement to W. H. Moorehouse, B. A., M. B., Dean, or W. Waugh, M. D., C. M., Registrar.

SEND YOUR BOY TO THE FARMERS' COLLEGE.—Never before in the history of the Province has agriculture stood so high in the estimation of the people; never before has farming offered so many substantial attractions to intelligent young men; never before has the Ontario Agricultural College better deserved the patronage of our best farmers' sons, and never before has it succeeded in drawing so large a proportion of the right class of students. No longer is it a mere stepping-stone to professional positions, but an increasing proportion of its students are returning to the farm, and demonstrating by practical success the utility of the college course. The moral tone of the institution is high, the environment and associations uplifting, progressive and helpful. Impractical theory is being more and more thoroughly eliminated, and the course is accordingly improving in the direction of practical benefit. There is no better place to send a boy. Applications are pouring in, and those who wish to get into the college residence, should apply at once to President G. C. Creelman, B. S. A., O. A. C., Guelph, Ont.

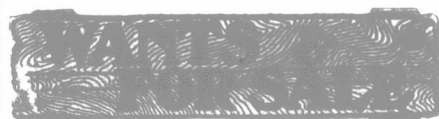
THE CLASSIK KIDS.

This Chirpy Pair Have High-class Goods Which They are Quickly Popularizing.

The Classik Kids are a chirpy little pair who have succeeded in placing Sure-Grip shingles, steel siding and Classik ceilings, made by the Galt Art Metal Co., Limited, in the very front row of popularity in this Dominion.

Little more than six months have elapsed since these goods were first introduced, but the demand for them has been enormous. The goods themselves are largely responsible for this. Made only of the highest grade materials, by competent workmen, on modern scientific principles, they have found ready buyers wherever they have been exhibited. This success is built on a sound basis, and is sure to be more than doubled in the remaining half year. In the first place, Galt steel sidings and Sure-Grip shingles, applied to any building, make it practically fireproof from without. If it is a farmer's barn, there is no danger from a flying spark from a passing locomotive or a threshing machine, and lightning has absolutely no effect on a building thus clad in a coat of Galt steel, the latter acting as a perfect conductor. Then they make a barn, or any other building, perfectly wind, rain and storm proof.

For interior decoration, nothing surpasses Classik ceilings and panels in beauty or durability.



Advertisements will be inserted under this heading, such as Farm Properties, Help and situations Wanted, and miscellaneous advertising.

TERMS.—Three cents per word each insertion. Each initial counts for one word and figures for two words. Names and addresses are counted. Cash must always accompany the order. No advertisement inserted for less than 50 cents.

BARGAIN.—\$3,500 for 200-acre farm, about 40 miles from Toronto. Good buildings and stream. F. A. Mason, 168 Bay St., Toronto.

FOR SALE.—To rent—The Sinclair homestead, one mile east of Ridgeway. Terms to suit purchaser. Inquire on premises, or Samuel B. Sinclair, Ottawa, Ont.

FOR SALE.—First-class Dairy or Stock Farm, 180 acres; well watered; 8 miles from Toronto; large new bank barn, hog-pen, poultry-house, new solid brick house. Possession next spring. For further information address, F. G. Garbutt, 234 Euclid Ave., Toronto, Ont.

FOR SALE.—Desirable homestead of 150 acres, 140 under cultivation; balance timber and pasture; first-class brick house, bar k barns and out-buildings; well fenced and watered. Adjoining Killworth village and C.P.R. station. Must be sold. Over Hayward, Killworth P.O., Wellington Co.

FOR SALE.—Two of the best ranches located in Chinook Belt, in Southern Alberta. One with improvements and one without. Good grass, plenty of shelter and water. Large leases in connection. Range for several thousand head. W. M. Loch, Lethbridge, Alta.

FOR SALE.—2,000 acres of wood lands, on bloc or in lots, to suit purchasers. Principals only dealt with. E. W. Hay, Falkenburg Station.

GINSENG.—Canadian roots best. Write E. Beattie, Highgate.

IMPROVED FARMS.—Best part Perry Sound District; send for list. Jas. Carter, Sundridge, Ontario.

INCUBATOR and brooder for sale.—Chatham, 50-egg capacity, new in sewing, in good condition; 85 per cent. hatches. H. Fowler, Brownsville, Oxford Co.

KAMLOOPS, British Columbia.—Ranching and farming properties for sale in all parts of the interior. Write for lists to Martin Beattie, real estate, Kamloops, B. C.

THOROUGHbred COLLIE PUPS for sale.—King Edward Collie Kennels, 7 Concord avenue, Toronto.

WANTED.—Single man, experienced with Short-horns and fattening cattle. Yearly engagement. References required. W. H., Enderbrook, Ont.

WANTED.—Improved stock and grain farm; good buildings; no noxious weeds; good locality. T. Geddes, Manotick, Ont.

100 ACRE FARM.—Good farm, Lot 23, Con. 5, Markham. Apply to John Trudgoun, Markham P.O.

Learn Telegraphy and R. R. Accounting

\$50 to \$100 per month salary assured our graduates under bond. You don't pay us until you have a position. Largest system of telegraph schools in America. Endorsed by all railway officials. Operators always in demand. Ladies also admitted. Write for catalogue.

MORSE SCHOOL OF TELEGRAPHY, Cincinnati, O.; Buffalo, N. Y.; Atlanta, Ga.; La Crosse, Wis.; Texarkana, Tex.; San Francisco, Cal.

COMMON AND TUFTED VETCH.

C. H. W. sends us for identification two plants labelled respectively No. 1 and 2. No. 1 is the tufted vetch (*Vicia cracca*), distinguished from other species of the same genus by its downy, pubescent stem, oblong-lanceolate leaflets, 20-24 in number; long peduncles, bearing a dense, one-sided raceme of blue flowers bent downward in the spike and turning purple before withering. No. 2 is the common vetch (*Vicia sativa*); stem simple, somewhat pubescent leaflets, 10 to 14, varying from obovate-oblong to linear; flowers purple, large, one or two together, sessile in the axils or nearly so.

QUESTIONS AND ANSWERS.
Miscellaneous.

FLAX.

Will you please tell me the name of the enclosed plant? It came with some seed barley I bought.

A SUBSCRIBER.

Ans.—The plant enclosed is a stalk of the cultivated flax.

LIME FOR WALL.

1. Give an estimate of the quantity of lime it would take for a wall 110 feet long and 2 or 2½ feet thick, with a height of about 7 feet; wall to be built of cobblestone.

2. Do you think that a wall built on a hill, where exposed to the wind and cold, should be more than two feet thick?

H. H.

Hastings Co., Ont.

Ans.—1. Using cobblestone, a little extra lime would be needed. For a two-foot wall of the length and height specified (not allowing anything extra for foundation), get 70 or 75 bushels; for the two-and-a-half-foot wall, get 85 or 90 bushels. A little lime left over is handy to have around. Estimate one and a half barrels or four and a half bushels lime for each 100 cubic feet of wall.

2. For ordinary purposes two feet should be sufficient; many walls are built eighteen inches thick.

BLACKLEG.

1. What is blackleg in cattle?
2. How does it affect a beast?
3. How can a farmer tell when an animal has it?
4. How long is a beast sick before you notice it, and what are the symptoms?
5. How long does a beast live after he comes down with it?
6. Is there any cure?
7. Is there any preventive?
8. What age of cattle does it usually affect?
9. Does it affect cows or big cattle?

A SUBSCRIBER.

Ans.—1. Blackleg, also known as symptomatic anthrax, symptomatic charbon, quarter evil, etc., is distinctly a cattle disease, although at times sheep and goats are affected by it. It is infectious, being caused by a micro-organism, which invades the system through wounds of the skin or mucous membrane. The germ resides in the soil and is not transmitted directly from animal to animal.

2, 3, 4 and 5. The first noticeable symptom will be lameness either in front or behind, which rapidly increases in severity, making progression impossible. Appetite and rumination are lost; the animal becomes very weak and shows signs of high fever. If the animal is down and unable to rise, an examination will reveal a tumor or swelling of the fore or hind quarters, generally the latter, though sometimes in other parts of the body. The central part of swelling is insensitive, feels cold to the touch, and on passing the hand over it, emits a crackling sound. The disease runs a variable course. Sometimes the swellings are most marked, and other times the general symptoms. It is generally fatal, death taking place between 36 hours and three days following first noticeable symptoms. The post-mortem examination will show the skin covering the swelling to be mortified. On cutting the tumor, the subcutaneous connective tissue is found infiltrated with blood and serum, distended by foul-smelling gases, which give the tissues a frothy appearance. The muscles of the affected region are black or dirty brown, streaked with yellow bands of fibrous exudate. They break easily and crepitate on being incised. By pressing the tissues, turbid blood mixed with bad-smelling gas comes out. The blood coagulates, and outside of the regions affected by the tumor the muscles appear normal. The spleen is not affected, appearing to be in normal condition. Unless necessary to obtain a certain diagnosis, a post-mortem should not be made, as bleeding is a means of spreading the infection. Better to burn the body, or bury deeply, covering with quicklime.

6. No.

7. Yes, vaccination, as prescribed in last issue in reply to S. F., is an effectual preventive.

8 and 9. It attacks principally animals of from six months to two years of age, but younger and older cattle are also liable to the disease.

BISSELL'S STEEL ROLLER



With the ROLLER BEARINGS and low-draught bracket. It runs like a bird. Light of draught and easy on horses' backs. It will pay any farmer to learn all about the "BISSELL" before ordering a land roller. Send us your name and address for full particulars. T. E. BISSELL, DEPT. W., ELORA, ONT. None genuine without the name "Bissell."

"INGLESIDE"

The finest collection of

IMPROVED HEREFORDS IN CANADA



Cows in calf and with calves at foot, heifers of all ages. Foundation herds a specialty, and at prices that cannot be equalled, considering high merit and quality. Over three-quarters of sales made through correspondence (particular attention given to this). State carefully your requirements, whether for show stock, improving your registered herd or for raising beef cattle, and for the latter nothing can surpass the Hereford.

SPECIAL.—5 bulls, 15 to 20 months old, any of them fit to head a herd. Rock-bottom prices if taken this month.

H. D. SMITH, COMPTON, QUE.

Reliable information given to Landseers in the

EDMONTON ALBERTA DISTRICTS

Write us to-day for our Northern Alberta and Edmonton City Maps, Crop Report Literature, Booklet and Lists. The finest climate and soil in the Dominion. For Improved or Unimproved Farms and City property, now is the time to buy; get in on the ground floor. THE SETON SMITH CO., Real Estate Brokers, Box 368, Edmonton, Alta.

Barrad Plymouth Rocks.—Eggs from pen No. 1 of E. B. Thompson's pullets, \$1.50, and from No. 2, headed by cock whose sire was winner at New York, at \$1 per setting. These are from good laying strains. C. A. J. CARPENTIER, Coburn, Ont.

Breeding inferior lambs is poor business to be in. The Chicago market has been full of them recently. All sections of the country have contributed their quota and results have been discouraging.

As a rule the man who raises an inferior lamb does so in expectation of securing the price of a good one. Failing, he gets disgusted with the sheep business. Thousands of spring lambs have been marketed recently at \$6 and under, that cost fully as much to raise as the \$7 kind, and the difference means profit or loss.

In getting into sheep the country should avoid stocking up with scrubs. A mongrel mutton is as useless as a scrub steer or a trashy hog. — [Live-stock World.]

HIS GRAVEL WAS SURELY CURED

Dodd's Kidney Pills Removed the Stones.

And Now Reuben Draper is Well and Strong After His Long Suffering.

BRISTOL, Que., July 19.—(Special).—Reuben Draper, a well-known resident here, keeps the proof right with him that Dodd's Kidney Pills will surely cure the much-dreaded Gravel. The proof consists of two stones, one the size of a small bean and the other as big as a grain of barley. He passed these stones and was relieved of all the terrible pains they caused after using Dodd's Kidney Pills for a short time.

Mr. Draper is confident that Dodd's Kidney Pills and nothing else caused his cure, as he tried two doctors without getting help, and was fast getting weak and despondent when he stopped all other treatment and started to take Dodd's Kidney Pills. In a week he passed the large stone and four days later the smaller one.

This cure causes a feeling of relief over people in these parts, as it shows those terrible operations, long thought to be unavoidable in case of Gravel, are no longer necessary.

In answering any advertisement on this page, kindly mention the FARMER'S ADVOCATE.